

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor: Brian K. Tanner

Appln. No.: Unknown

Confirm. No.: Unknown

Filed: Herewith

Title: METHOD FOR SPINDLE BEARING FRICTION
ESTIMATION FOR RELIABLE DISK DRIVE
STARTUP OPERATION

PATENT APPLICATION

Art Unit: Unassigned

Examiner: Unassigned

23910

PATENT TRADEMARK OFFICE

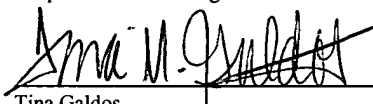
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CERTIFICATE OF MAILING BY "EXPRESS MAIL"
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Tina Galdos
Signature Date: July 28, 2003

(Signature)

UTILITY PATENT APPLICATION TRANSMITTAL LETTER UNDER 37 C.F.R §1.53(b)

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application identified as follows:

Inventor: Brian K. Tanner

Title: METHOD FOR SPINDLE BEARING FRICTION ESTIMATION FOR RELIABLE
DISK DRIVE STARTUP OPERATION

No. of pages in Specification (including claims and abstract): 25; No. of Claims: 17.

No. of Sheets of Drawings: 2; Formal: ✓, Informal: .

Also enclosed are:

- ✓ A Declaration.
- ✓ An Application Data Sheet.
- A certified copy of a priority application.
- A Power of Attorney.
- An Information Disclosure Statement Under 37 C.F.R. §1.56.

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

 Applicant(s) qualify for small entity status under 37 C.F.R. § 1.27.

For	Number Filed	Number Extra	Rate Small Entity/Other Than Small Entity	Total
BASIC FEE (37 CFR 1.16(a))			\$375.00 \$750.00	\$750
TOTAL CLAIMS (37 CFR 1.16(c))	<u> 17 </u> - 20	<u> 0 </u> *	X \$ 9.00 X \$ 18.00	\$0
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<u> 4 </u> - 3	<u> 1 </u> *	X \$ 42.00 X \$ 84.00	\$84
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$140.00 + \$280.00	\$
			TOTAL	\$834.00

*If the difference in column 1 is less than zero, enter "0" in column 2.

- ✓ One check in the amount of \$834.00 to cover the filing fee is enclosed.
- Please charge Deposit Account No. 06-1325 in the amount of \$ to cover the filing fee (\$), and assignment recording fee (\$40.00), if applicable.
- ✓ The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

This application is filed pursuant to 37 C.F.R. §1.53(b) in the name of the above-identified Inventor(s).

✓

This application claims priority to an earlier-filed Provisional patent application, as set forth more fully in this application.

Please direct all correspondence concerning the above-identified application to the following address:

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Respectfully submitted,

Date:

7/28/03

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